

Attorney Docket No.: KBI-0004
Inventors: Ranganathan et al.
Serial No.: 09/855,346
Filing Date: May 15, 2001
Page 2

Listing of Claims:

Claim 1 (currently amended): A pharmaceutical composition to
alleviate the symptoms of uremia comprising a composition of a
probiotic, a prebiotic, and an ammoniaphilic urea degrading
microorganism with high alkaline pH stability and high urease
activity, said composition being microencapsulated or enteric
coated with a material designed to deliver the probiotic, ~~a~~ the
prebiotic, and ammoniaphilic urea degrading microorganism to their
site of action in relatively native form without binding of ~~various~~
digestive materials to the ~~solvents~~ composition prior to reaching
the target region, wherein said prebiotic ensures the viability of
the probiotic, and ~~prevent infection of a patient from wherein said~~
microencapsulated or enteric coating prevents the release of the
ammoniaphilic urea degrading microorganism into the patient.

Claim 2 (original): The pharmaceutical composition of claim 1
further comprising a water absorbent.

Claim 3 (original): The pharmaceutical composition of claim 2
where the water absorbent is selected from locust bean gum,
psyllium fiber, guar gum and zeolite.

Attorney Docket No.: KBI-0004
Inventors: Ranganathan et al.
Serial No.: 09/855,346
Filing Date: May 15, 2001
Page 3

Claims 4 (original): The pharmaceutical composition of claim 1 further comprising a sorbent for inorganic phosphate and an adsorbent for specific uremic solutes other than urea.

Claim 5 (original): The pharmaceutical composition of claim 4 wherein the inorganic phosphate adsorbent is selected from aluminum hydroxide gel, calcium hydroxide gel and magnesium hydroxide gel and the specific uremic solute adsorbent is activated charcoal.

Claims 6 (original): The pharmaceutical composition of claim 1 where the probiotic is selected from a *Bifidium* or *Lactobacillus* species.

Claims 7 (original): The pharmaceutical composition of claim 1 wherein the prebiotic is selected from fructan oligosaccharide and araban oligosaccharide.

Claim 8 (original): The pharmaceutical composition of claim 1 wherein the ammoniaphilic bacteria is selected from *Bacillus pasteurii*, *Sporosarcina ureae*, *Bacillus* species and *Lactobacillus* species KB-I.

Attorney Docket No.: KBI-0004
Inventors: Ranganathan et al.
Serial No.: 09/855,346
Filing Date: May 15, 2001
Page 4

Claim 9 (original): The pharmaceutical composition of claim 1 wherein the probiotic and the ammoniaphilic urea degrading microorganism with high alkaline pH stability and high urease activity comprise the same species of bacteria.

Claim 10 (currently amended): A pharmaceutical composition to alleviate the symptoms of uremia comprising a composition of a probiotic, a prebiotic, an ammoniaphilic urea degrading microorganism with high alkaline pH stability and high urease activity, a water absorbent, a sorbent for inorganic phosphate and an adsorbent for specific uremic solutes other than urea, said composition being microencapsulated or enteric coated with a material designed to deliver the probiotic, ~~a~~ the prebiotic, and ammoniaphilic urea degrading microorganism to their site of action in relatively native form without binding of ~~various~~ digestive materials to the ~~sorbents~~ composition prior to reaching the target region, and ~~prevent~~ wherein said microencapsulated or enteric coating prevents the infection of a patient from the ammoniaphilic urea degrading microorganism.

Claims 11-16 canceled